

Brown County

1150 BELLEVUE ST.
GREEN BAY, WI 54302



JIM JOLLY

PHONE (920) 391-4620 FAX (920) 391-4617 WEB: www.co.brown.wi.us

COUNTY CONSERVATIONIST

DAVID WETENKAMP

PHONE (920) 391-4639 FAX (920) 391-4617 EMAIL: wetenkamp_dl@co.brown.wi.us

ENGR TECHNICIAN

03/04/2014

This letter is in response to the Order for Compliance (Docket No. V-W-13-AO-22) received from the U.S. Environmental Protection Agency on behalf of Ledgeview Farms, LLC. Brown County was notified by [REDACTED] of the site investigation and order. A site visit and meeting was conducted on 10-08-2013 with [REDACTED] and [REDACTED] discussing the details of the order and the corrective measures needed. [REDACTED] have requested Brown County LWCD respond to the EPA with the information discussed, planned actions and generate any needed drawings, plans or documents needed for compliance requirements. Please respond if any other information is needed.

The following items are attached or are addressed in this document:

1. EPA Forms 1 & 2
2. Emergency Response Plan
3. Upper Farm Planning Map - Runoff controls implementation
4. Lower Farm Planning Map - Runoff controls implementation
5. Site Plan View WSF - NRCS 313 (Proposed plan)
6. Nutrient Management Planning/Plans are being developed by Kevin Beckard of AgSource (920) 309-1498. He will be contacting EPA and WDNR to submit documents. Email: kbeckard@agsource.com
7. WDNR - NPDES/WPDES Permit will be handled by Casey Jones, <Casey.Jones@wisconsin.gov> (920) 303-5426. Brown County LWCD is working on initial WPDES permit procedures.
8. Compliance Schedule is included.
9. Compliance estimated costs. (attached)

COMPLIANCE:

Ledgeview Farms has already implemented interim control of runoff occurring from the upper and lower farms by ramping up cleaning operations and removing cattle off of the concrete feedlots and earthen pasture/exercise lots. Currently a 6 row 120' x 800' modern design freestall barn is being built on the upper farm to relocate and confine all milking, dry and large heifers under roof with no outside access. The existing earthen lots will be allowed to grow up with native vegetation and the areas that can be farmed will be tilled and crops planted. The gully erosion that is occurring will be addressed with designs and technical assistance from Brown County.

1. Lot A - Upper Farm Map

This multiple use concrete area has several feeding and loafing areas. The animals have been removed and locked off of this area and are confined in the existing and new freestall barns. The doorways in the existing barns are going to be gated and 4"- 6" concrete speed bumps installed to eliminate any seepage out of the barn alleys between cleaning operations. Sand or straw bales will be placed to intercept seepage until concrete is poured. Future use of the concrete lot will be for minimal cattle traffic if shuttling animals between barns.

2. Lot B - Upper Farm Map

This small heifer/calf yard will be blocked with hay bales to reduce seepages and solids runoff for interim measures. Long term plans are to install a buffer area or roof the concrete area for total confinement.

3. Lot C - Upper Farm Map

This area was a mixed pasture and earthen exercise lot. The animals have been removed and confined in existing farm buildings. This area will no longer be used by cattle and they will be confined. The areas that can be farmed in this area are going to be tilled and crops planted, while the remainder will be allowed to re-vegetate with natives. Gully erosion not healed by re-vegetation will be addressed by NRCS approved designs as appropriate. Brown County LWCD will consult and give technical assistance to Ledgeview Farms through the process.



4. Lot D – Lower Farm Map

A 4895 sq.ft. concrete area discharges feedlot runoff out of an access gate located on the southeast side of the lot, which eventually drains to the road ditch along County Rd V. Plans are to close off this area with a concrete wall to contain the runoff until it can be removed or confine animals from using this area. The interim measure is to place straw bales in front of the opening reducing seepage and to hold back manure solids.

5. Leachate Runoff

Leachate runoff controls scheduled for the lower farm for engineering designs meeting NRCS Standard 629. It was discussed that the single bunker located at the upper farm may be abandoned or to restrict use to dry hay only reducing/eliminating leachate issues. The outside walls will be backfilled with clay 3 feet high, top soiled and seeded to prevent seepage losses from the bunker walls and wall/slab interface. See attached planning map for locations.

1. **Bunker A** - Upper Farm Map
2. **Bunker B** - Lower Farm Map

A waste storage facility/site has been surveyed, designed and drafted by Brown County for a 5-6 million gallon earthen clay lined structure meeting NRCS Standard 313. The structures bottom is planned to be lined with a reinforced concrete slab and ramp for manure management. Attached is a plan view of the proposed structure.

Please review and contact me at your convenience if you have any questions, concerns or any further requests for information regarding compliance requirements to the order. Below is a compliance schedule.

David Wetenkamp

Brown County Land & Water Conservation Department
1150 Bellevue St.
Green Bay, WI 54302

(920) 391-4639
wetenkamp_dl@co.brown.wi.us

Ledgeview Farms, LLC EPA Schedule of Compliance Timeline 03/04/2014

ANIMAL LOTS

Lot A – Completed

Lot B – Interim practices currently. Design/construct by 6/2016

Lot C – Completed

Lot D – Interim practices currently. Design/construct by 10/2015

LEACHATE CONTROLS

Upper Bunker – Design/construct by 10/2014

Lower Bunker – Design/construct by 10/2015

Current Milkhouse Waste – Contained in 16'1 x 12'w x 8'd concrete tank and land applied.

MANURE STORAGE

Pit#2 – Wall/hole plugged with clay, hole to be patched by 5/2014

Proposed 5-6 Million gallon storage meeting WPDES & NRCS 313 design/construct by 10/2015

NUTRIENT MANAGEMENT PLAN

Updated plan meeting WPDES & NRCS Std. 590 submitted to WDNR by 5/2014

WPDES PERMIT APPLICATION Initial forms submitted to WDNR by 4/2014

Please print or type in the unshaded areas only.

Form Approved, OMB No. 2040-0086.

FORM 1 GENERAL		U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION Consolidated Permits Program (Read the "General Instructions" before starting.)		I. EPA I.D. NUMBER	
				110055240822	
LABEL ITEMS		PLEASE PLACE LABEL IN THIS SPACE		GENERAL INSTRUCTIONS	
I. EPA I.D. NUMBER				If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.	
III. FACILITY NAME					
V. FACILITY MAILING ADDRESS					
VI. FACILITY LOCATION					
II. POLLUTANT CHARACTERISTICS					
INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.					
SPECIFIC QUESTIONS		Mark "X"		SPECIFIC QUESTIONS	
		YES	NO	FORM ATTACHED	
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)			X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)
		16	17	18	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)			X		D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)
		22	23	24	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)			X		F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)
		29	30	31	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)			X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)
		34	35	36	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)			X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)
		40	41	42	
III. NAME OF FACILITY					
1 SKIP Ledgerview Farms, LLC					
85 16 - 29 39					
IV. FACILITY CONTACT					
A. NAME & TITLE (last, first, & title)			B. PHONE (area code & no.)		
2			3		
92 10			99 40 48 88 91 92 95		
V. FACILITY MAILING ADDRESS					
A. STREET OR P.O. BOX					
3					
45 16					
B. CITY OR TOWN			C. STATE	D. ZIP CODE	
4			WI	54115	
25 16			40 41 42	47 51 52 54	
VI. FACILITY LOCATION					
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER					
5 3875 Dickinson Rd					
10 16					
B. COUNTY NAME					
Brown					
48					
C. CITY OR TOWN			D. STATE	E. ZIP CODE	F. COUNTY CODE (if known)
6 De Pere			WI	54115	
13 16			40 41 42	47 51 52	54

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)

A. FIRST										B. SECOND									
7	0	2	4	1	(specify)					7					(specify)				
C. THIRD										D. FOURTH									
7					(specify)					7					(specify)				

VIII. OPERATOR INFORMATION

A. NAME																				B. Is the name listed in item VIII-A also the owner? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO														
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other," specify)																				D. PHONE (area code & no.)														
F = FEDERAL S = STATE P = PRIVATE										M = PUBLIC (other than federal or state) O = OTHER (specify)										P (specify)														
E. STREET OR P.O. BOX																																		
F. CITY OR TOWN																				G. STATE					H. ZIP CODE					IX. INDIAN LAND Is the facility located on Indian lands? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)										D. PSD (Air Emissions from Proposed Sources)									
None (IP)										None									
B. UIC (Underground Injection of Fluids)										E. OTHER (specify)									
None										None (specify)									
C. RCRA (Hazardous Wastes)										E. OTHER (specify)									
None										N/A (specify)									

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers, and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

This is a dairy, beef and agricultural producer that produces raw milk, beef and agricultural crops for feed and market sale.

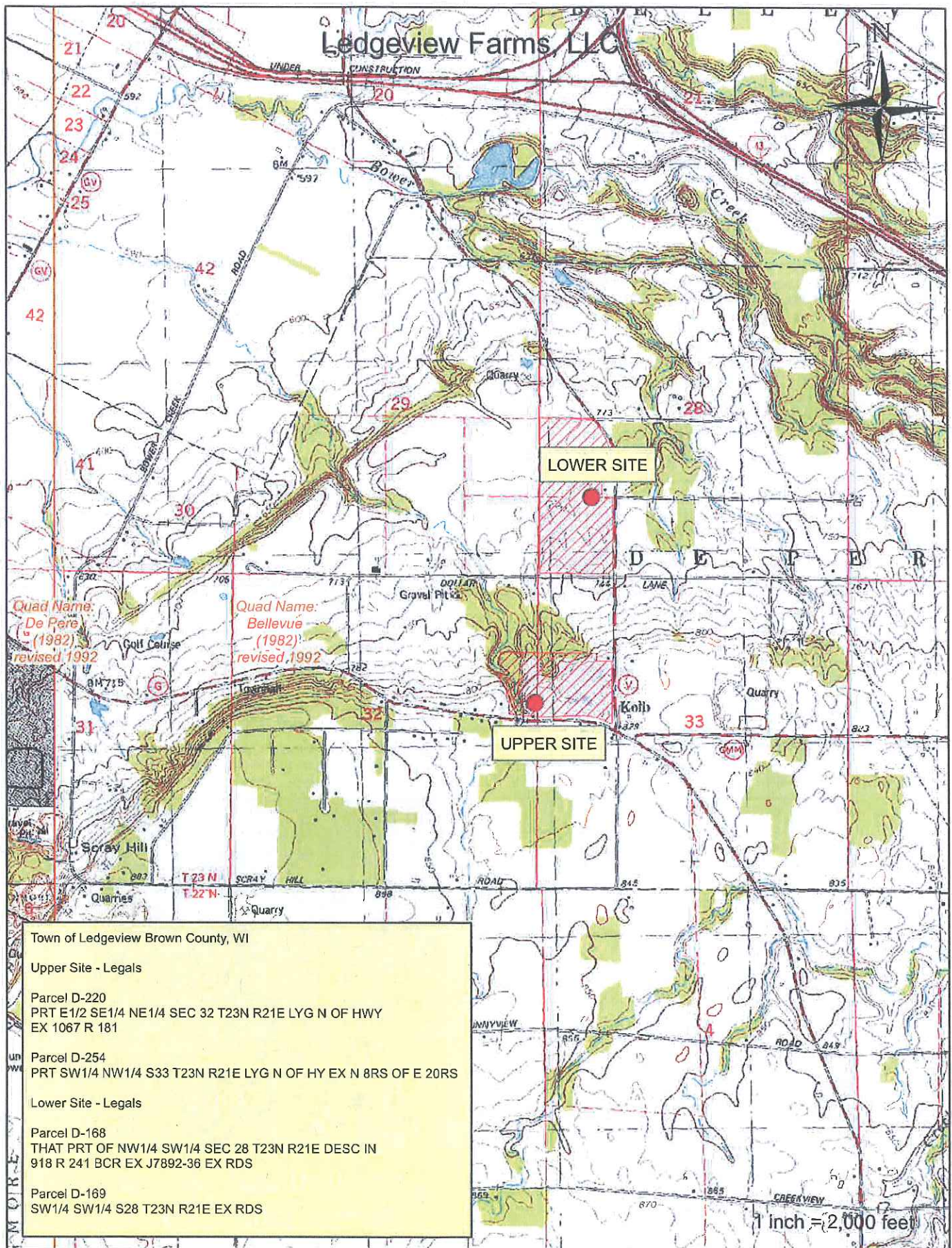
XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)										B. SIGNATURE										C. DATE SIGNED									
Owner/Operator																				3-17-14									

COMMENTS FOR OFFICIAL USE ONLY

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



EPA I.D. NUMBER (copy from Item 1 of Form 1)																																
FORM 2B NPDES	EPA	U.S. ENVIRONMENTAL PROTECTION AGENCY APPLICATIONS FOR PERMIT TO DISCHARGE WASTEWATER CONCENTRATED ANIMAL FEEDING OPERATIONS AND AQUATIC ANIMAL PRODUCTION FACILITIES																														
I. GENERAL INFORMATION Applying for: Individual Permit <input checked="" type="checkbox"/> Coverage Under General Permit <input type="checkbox"/>																																
A. TYPE OF BUSINESS	B. CONTACT INFORMATION	C. FACILITY OPERATION STATUS																														
<input checked="" type="checkbox"/> 1. Concentrated Animal Feeding Operation (complete items B, C, D, and section II) <input type="checkbox"/> 2. Concentrated Aquatic Animal Production Facility (complete items B, C, and section III)	Owner/Operator Name: _____ Telephone: (_____) _____ Address: _____ Facsimile: (_____) _____ City: _____ State: _____ Zip Code: _____	<input checked="" type="checkbox"/> 1. Existing Facility <input type="checkbox"/> 2. Proposed Facility																														
D. FACILITY INFORMATION Name: <u>Ledgeview Farms, LLC</u> Telephone: (_____) _____ Address: <u>3875 Dickinson Rd</u> Facsimile: (_____) _____ City: <u>De Pere</u> State: <u>WI</u> Zip Code: <u>54115</u> County: <u>Brown</u> Latitude: <u>44.4249N</u> Longitude: <u>87.9695W</u> If contract operation: Name of Integrator: _____ Address of Integrator: _____																																
II. CONCENTRATED ANIMAL FEEDING OPERATION CHARACTERISTICS																																
A. TYPE AND NUMBER OF ANIMALS		B. MANURE, LITTER, AND/OR WASTEWATER PRODUCTION AND USE																														
1. TYPE	2. ANIMALS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">NO. IN OPEN CONFINEMENT</th> <th style="width: 50%; text-align: center;">NO. HOUSED UNDER ROOF</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> Mature Dairy Cows</td> <td style="text-align: center;">550</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> Dairy Heifers</td> <td style="text-align: center;">150</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> Veal Calves</td> <td style="text-align: center;">555</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> Cattle (not dairy or veal calves)</td> <td style="text-align: center;">425</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> Swine (55 lbs. or over)</td> <td></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> Swine (under 55 lbs.)</td> <td></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> Horses</td> <td></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> Sheep or Lambs</td> <td></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> Turkeys</td> <td></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> Chickens (Broilers)</td> <td></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> Chickens (Layers)</td> <td></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> Ducks</td> <td></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> Other: Specify _____</td> <td></td> </tr> <tr> <td style="text-align: center;">3. TOTAL ANIMALS</td> <td style="text-align: center;">675 1105</td> </tr> </tbody> </table>	NO. IN OPEN CONFINEMENT	NO. HOUSED UNDER ROOF	<input checked="" type="checkbox"/> Mature Dairy Cows	550	<input checked="" type="checkbox"/> Dairy Heifers	150	<input type="checkbox"/> Veal Calves	555	<input checked="" type="checkbox"/> Cattle (not dairy or veal calves)	425	<input type="checkbox"/> Swine (55 lbs. or over)		<input type="checkbox"/> Swine (under 55 lbs.)		<input type="checkbox"/> Horses		<input type="checkbox"/> Sheep or Lambs		<input type="checkbox"/> Turkeys		<input type="checkbox"/> Chickens (Broilers)		<input type="checkbox"/> Chickens (Layers)		<input type="checkbox"/> Ducks		<input type="checkbox"/> Other: Specify _____		3. TOTAL ANIMALS	675 1105	1. How much manure, litter, and wastewater is generated annually by the facility? <u>15,100</u> tons <u>350,000</u> gallons 2. If land applied how many acres of land under the control of the applicant are available for applying the CAFOs manure/litter/wastewater? <u>2181</u> acres 3. How many tons of manure or litter, or gallons of wastewater produced by the CAFO will be transferred annually to other persons? <u>N/A</u> tons <u>N/A</u> gallons
NO. IN OPEN CONFINEMENT	NO. HOUSED UNDER ROOF																															
<input checked="" type="checkbox"/> Mature Dairy Cows	550																															
<input checked="" type="checkbox"/> Dairy Heifers	150																															
<input type="checkbox"/> Veal Calves	555																															
<input checked="" type="checkbox"/> Cattle (not dairy or veal calves)	425																															
<input type="checkbox"/> Swine (55 lbs. or over)																																
<input type="checkbox"/> Swine (under 55 lbs.)																																
<input type="checkbox"/> Horses																																
<input type="checkbox"/> Sheep or Lambs																																
<input type="checkbox"/> Turkeys																																
<input type="checkbox"/> Chickens (Broilers)																																
<input type="checkbox"/> Chickens (Layers)																																
<input type="checkbox"/> Ducks																																
<input type="checkbox"/> Other: Specify _____																																
3. TOTAL ANIMALS	675 1105																															

C. <input checked="" type="checkbox"/> TOPOGRAPHIC MAP		
D. TYPE OF CONTAINMENT, STORAGE AND CAPACITY		
1. Type of Containment	Total Capacity (in gallons)	
<input type="checkbox"/> Lagoon		
<input type="checkbox"/> Holding Pond		
<input type="checkbox"/> Evaporation Pond		
<input type="checkbox"/> Other: Specify _____		
2. Report the total number of acres contributing drainage: <u>2181</u> acres		
3. Type of Storage	Total Number of Days	Total Capacity (gallons/tons)
<input type="checkbox"/> Anaerobic Lagoon		
<input type="checkbox"/> Storage Lagoon		
<input type="checkbox"/> Evaporation Pond		
<input checked="" type="checkbox"/> Aboveground Storage Tanks		(2) = 992,940
<input checked="" type="checkbox"/> Belowground Storage Tanks		(1) = 10,000
<input type="checkbox"/> Roofed Storage Shed		
<input type="checkbox"/> Concrete Pad		
<input type="checkbox"/> Impervious Soil Pad		
<input type="checkbox"/> Other: Specify _____		
E. NUTRIENT MANAGEMENT PLAN		
Note: Effective February 27, 2009, a permit application is not complete until a nutrient management plan is submitted to the Permitting Authority.		
1. Please indicate whether a nutrient management plan has been included with this permit application. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
2. If no, please explain: Currently being updated and developed by Ag Source - Kevin Beckard.		
3. Is a nutrient management plan being implemented for the facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
4. The date of the last review or revision of the nutrient management plan, Date: <u>03/27/13</u>		
5. If not land applying, describe alternative use(s) of manure, litter, and/or wastewater:		
F. LAND APPLICATION BEST MANAGEMENT PRACTICES		
Please check any of the following best management practices that are being implemented at the facility to control runoff and protect water quality:		
<input type="checkbox"/> Buffers <input type="checkbox"/> Setbacks <input type="checkbox"/> Conservation tillage <input type="checkbox"/> Constructed wetlands <input type="checkbox"/> Infiltration field <input type="checkbox"/> Grass filter <input type="checkbox"/> Terrace		

III. CONCENTRATED AQUATIC ANIMAL PRODUCTION FACILITY CHARACTERISTICS					
A. For each outfall give the maximum daily flow, maximum 30-day flow, and the long-term average flow.			B. Indicate the total number of ponds, raceways, and similar structures in your facility.		
1. Outfall No.	2. Flow (gallons per day)			1. Ponds	2. Raceways
	a. Maximum Daily	b. Maximum 30 Day	c. Long Term Average	3. Other	
N/A				C. Provide the name of the receiving water and the source of water used by your facility.	
				1. Receiving Water	2. Water Source
D. List the species of fish or aquatic animals held and fed at your facility. For each species, give the total weight produced by your facility per year in pounds of harvestable weight, and also give the maximum weight present at any one time.					
1. Cold Water Species			2. Warm Water Species		
a. Species	b. Harvestable Weight (pounds)		a. Species	b. Harvestable Weight (pounds)	
	(1) Total Yearly	(2) Maximum		(1) Total Yearly	(2) Maximum
E. Report the total pounds of food during the calendar month of maximum feeding.			1. Month		2. Pounds of Food
IV. CERTIFICATION					
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.					
A. Name and Official Title (print or type)			B. Telephone ()		
C. Signature			D. Date Signed		

Emergency Response Plan

Farm Name:	Ledgeview Farms, LLC - Upper & Lower Farm		
Owner/Operator:		Phone:	
Owner/Operator:		Phone:	
Farm Address:	3870 Dickinson Rd DePere, WI 54115		
Farm Location:	T 23 N, R 21	Section 33	County: Brown
Driving Directions or Emergency Coordinates: Located west of the intersection of Cty Hwy G (Dickinson Rd) and Cty Rd V in Kolbs Corner, Town of Ledgeview, Brown County, WI.			

In Case of Injury, Fire, or Rescue Emergency, Immediately Implement the Following:

1. Assess the condition of the victim, extent of the emergency (fire, rescue) and call for help.
2. Stabilize the victim, use on-site rescue equipment, evacuate buildings, or begin fire suppression as necessary.
3. Brief emergency responders upon arrival on current status of situation.

In Case of a Spill, Leak, or Failure at the Storage Facility, During Transport, or Land Application, Immediately Implement the Following:

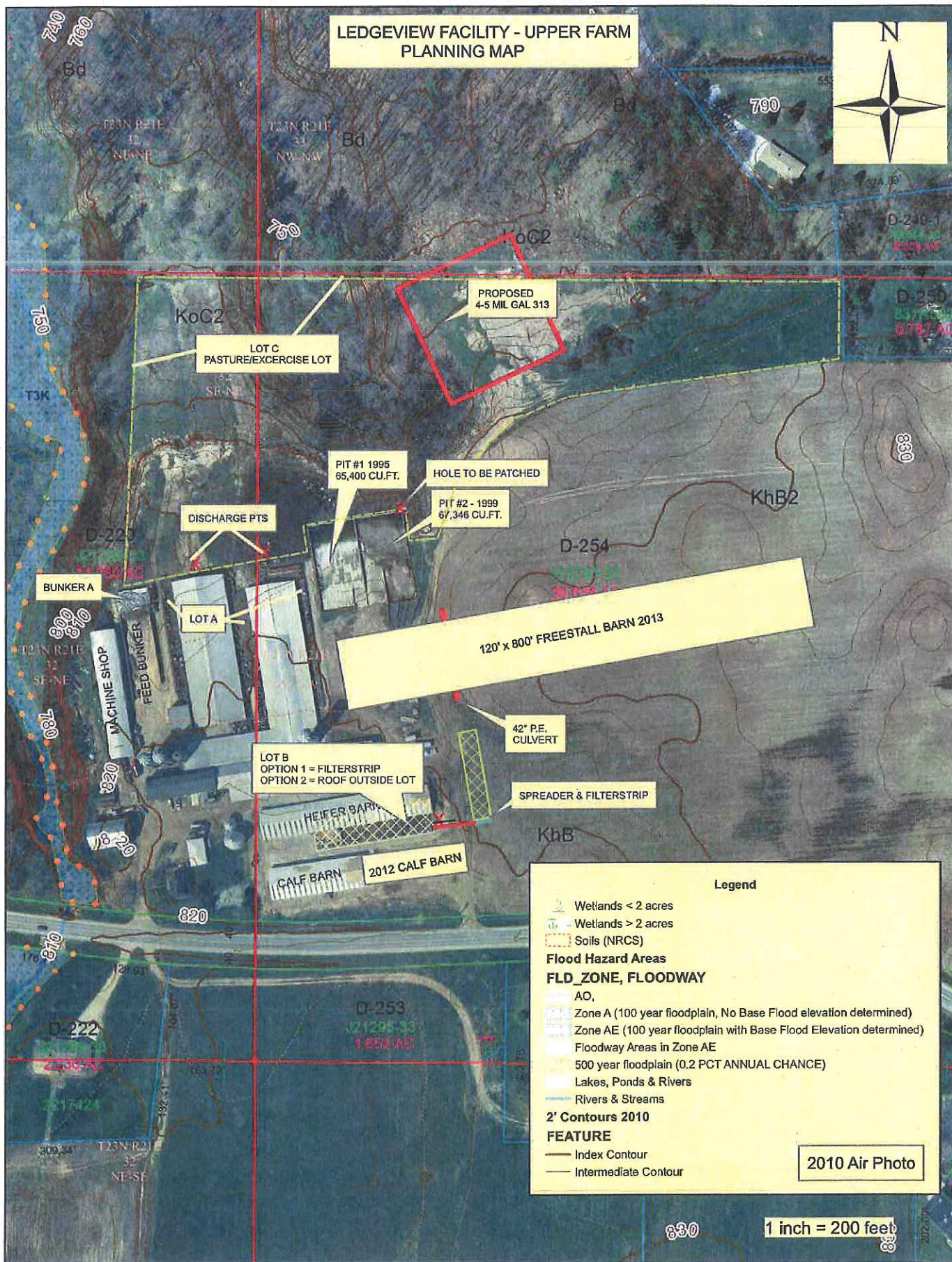
1. Stop the source of the leak or spill. For example:
 - Turn off all pumps/valves and clamp hoses or park tractor on hoses to stop the flow of manure.
2. Assess the situation and make appropriate calls for people, equipment, and materials. See contacts below.
 - Notify DNR spill hotline: 1-800-943-0003 (Spill reporting is mandatory by state law.)
 - Call sheriff's office if spilled on public roads or its right-of-ways for traffic control.
 - Clear the road and roadside of spilled material immediately.
3. Contain the spill and prevent spillage from entering surface waters, tile intakes, or waterways.
 - Use a skid loader or tractor with a blade to build dikes to contain or divert the spill or leak.
 - Insert sleeves around tile intakes (or plug/cap intakes) and block down slope culverts.
 - Use tillage implements to work up the ground ahead of the spill or use absorptive materials.
4. Begin cleanup.
 - Use pumps to recover liquids.
 - Land apply on approved cropland at appropriate rates.
5. Document your actions.

Emergency Contacts	Contact Person (or Company)	Phone Number
Fire/Rescue	Ledgeview Fire Department	911 or 920-336-3360
County Sheriff	Brown County Sheriff	911 or 920-391-7450
Farm Emergency Coordinator		
DNR Hazardous Spill Line	24 Hour Spills Hotline	1-800-943-0003
DNR Permit Contact/Warden	Jay Schiefelbein(contact)/Cara Kamke(Warden)	920-662-5407 / 920-360-5979
Veterinarian	De Pere Veterinary Services	920-336-7233
Equipment/Supplies	Contact Person (or Company)	Phone Number
On-Farm Equipment Operator		
Excavation Contractor		
Manure Hauler		
Septic Tank Pumping Truck		
Mortality Disposal Contractor		
Local Government Contacts	Contact Person	Phone Number
Town Chairman	Marc Hess	920-737-8556
LCD County Conservationist	James Jolly	920-391-4620
NRCS District Conservationist	John Malvitz	920-884-3910 ext 102

Be prepared to provide the following information:

- Your name and contact information
- Farm address, location and other pertinent identification information.
- Nature of emergency (employee injury, fire, discharge of manure or hazardous materials).
- Emergency equipment and personnel that are needed.
- Potential for manure or hazardous materials to reach surface waters or major field drains.
- Current status of containment efforts.
- Location of hazardous/flammable materials, fire suppression equipment, emergency cut off switches or valves.

LEDGEVIEW FACILITY - UPPER FARM PLANNING MAP



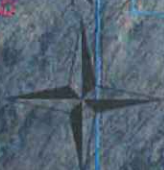
Legend

- Wetlands < 2 acres
- Wetlands > 2 acres
- Soils (NRCS)
- Flood Hazard Areas**
- FLD_ZONE, FLOODWAY**
- AO,
- Zone A (100 year floodplain, No Base Flood elevation determined)
- Zone AE (100 year floodplain with Base Flood Elevation determined)
- Floodway Areas in Zone AE
- 500 year floodplain (0.2 PCT ANNUAL CHANCE)
- Lakes, Ponds & Rivers
- Rivers & Streams
- 2' Contours 2010
- FEATURE**
- Index Contour
- Intermediate Contour

2010 Air Photo

1 inch = 200 feet

**LEDGEVIEW FACILITY - LOWER FARM
PLANNING MAP
2010 AERIAL**



**BARN REPLACEMENT
2010**

LOT - DRAINS TO CONCRETE
TANK/SUMP - CONTAINED

BEEF/HEIFER BARN
EXT ROOF GUTTERS

PARTIAL LOT D - 4895 SQ.FT.
DRAINS ACROSS SITE
TO RD. DITCH

A - Fill in opening w/new wall, contain runoff
B - Omit cattle from this area

LOT D - 37629 SQ.FT.
DRAINS TO SUMP

BUNKER B

FEED BUNKERS

Culvert

WATERWAY

BUNKER 2010

HEIFER BARN

Legend

- Wetlands < 2 acres
- Wetlands > 2 acres
- Lakes, Ponds & Rivers
- Rivers & Streams
- Soils (NRCS)
- 2' Contours 2010**
- FEATURE**
- Index Contour
- Intermediate Contour
- Discharge Point

LEACHATE CONTROL

- Heavy use protection/spreader
- First flush tank
- 150' x 200' filterstrip

WELL/SPRING

1 inch = 200 feet



NO WELLS/PROPERTY LINES WITHIN 250'

SCALE 1"=100'

PROPOSED LEDGEVIEW FACILITY 313

OWNER

BROWN

COUNTY

Designed: DLW Checked:

SHEET ____ OF ____

ESTIMATED QUANTITIES

Brown County Land Conservation

FOR: Ledgerview Farms
BY: DLW
DATE: Mar-14
PROJECT: Construction Costs for compliance
COMMENTS:

[illegible]

Total Cost	\$269,880.00	
Maximum Cost Sharing	\$0.00	0 Percent
Owner Cost	\$269,880.00	

